



Practitioner's Docket No. 035071-051830

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Neil Lightowler  
Application No.: 09/890,816                      Group No.: 2121  
Filed: 08/01/2001                      Examiner: Michael B. Holmes  
For: NEURAL PROCESSING ELEMENT FOR USE IN A NEURAL NETWORK

**CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the MAIL STOP AMENDMENT Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Nicole M. Aguirre

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**MAIL STOP AMENDMENT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action dated June 16, 2005 in the above-referenced application, please find remarks as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper.

**Remarks** begin on page 9 of this paper.